

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	97	split\$4 near3 (sector\$1 wedge\$1) same sync\$	US-PGPUB; USPAT	OR	ON	2005/06/12 11:58
L2	667	divid\$4 near3 (sector\$1 wedge\$1) same sync\$	US-PGPUB; USPAT	OR	ON	2005/06/12 11:58
L3	3984	sync\$4 near5 (short\$4 less\$4 small\$3 narrow\$3 reduc\$4 decreas\$4)	US-PGPUB; USPAT	OR	ON	2005/06/12 13:23
L4	2356	split\$4 near3 (sector\$1 wedge\$1)	US-PGPUB; USPAT	OR	ON	2005/06/12 13:22
L5	9911	divid\$4 near3 (sector\$1 wedge\$1)	US-PGPUB; USPAT	OR	ON	2005/06/12 13:22
L6	11978	4 5	US-PGPUB; USPAT	OR	ON	2005/06/12 11:58
L7	97	6 and 3	US-PGPUB; USPAT	OR	ON	2005/06/12 11:59
L8	3651	divid\$4 near3 (sector\$1 wedge\$1)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 13:23
L9	1384	split\$4 near3 (sector\$1 wedge\$1)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 13:23
L10	900	sync\$4 near5 (short\$4 less\$4 small\$3 narrow\$3 reduc\$4 decreas\$4)	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 13:23
L11	4992	8 9	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 13:23
L12	0	11 and 10	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 13:23

? show files; ds; save temp; logoff hold  
File 344:Chinese Patents Abs Aug 1985-2005/May  
(c) 2005 European Patent Office  
File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)  
(c) 2005 JPO & JAPIO  
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200536  
(c) 2005 Thomson Derwent

Set	Items	Description
S1	228288	SYNCHRONI? OR SYNCHRONI?(3N)FIELD?
S2	12014	S1(7N)(SHORT? OR SHORT?(3N)THAN OR LOW? OR SMALL? OR NARROW? OR REDUC? OR LESS?)
S3	17318	SPLIT?(3N)(PART OR PARTS OR SECTOR?? OR PARTITION? OR FRAME? OR PORTION?? OR SEGMENT?? OR DIVISION?? OR PIECE?? OR SECTION?? OR FRAGMENT? OR PARTIAL??)
S4	186322	(SERVO())FIELD OR DIVID? OR SHAR?(7N)(PART OR PARTS OR SECTOR?? OR PARTITION? OR FRAME? OR PORTION?? OR SEGMENT?? OR DIVISION?? OR PIECE?? OR SECTION?? OR FRAGMENT? OR PARTIAL??)
S5	11106	(FIRST OR INITIAL OR PRIMARY OR ORIGINAL)(7N)(S3 OR S4)
S6	13137	(SECOND OR SECOND??? OR SUBSEQUENT OR OTHER)(7N)(S3 OR S4)
S7	67809	MAGNETIC?(3N)(DISK?? OR DISC??) OR MAGNETIC?(3N)(DISK?? OR DISC??)(3N)CONTROL?
S8	24	AU=(TOMIMOTO, S? OR TOMIMOTO S?)
S9	580269	IC=G11B?
S10	2	S9 AND S8
S11	17	S2 AND S5
S12	16	S11 NOT PY>2003
S13	16	S12 NOT S10
S14	3	S13 AND (DISK?? OR DISC??)
S15	3	S14 NOT S10
S16	18	S2 AND S6
S17	3	S16 AND (DISK?? OR DISC??)
S18	3	S17 NOT S15
S19	1140	S1 AND S7
S20	3	S19 AND S3
S21	2	S20 NOT (S10 OR S15 OR S18)
S22	28	S19 AND S4
S23	26	S22 NOT PY>2003
S24	18	S23 AND S9
S25	17	S24 NOT (S21 OR S10 OR S15 OR S18)

? show files; ds; save temp; logoff hold

File 2:INSPEC 1969-2005/May W5  
(c) 2005 Institution of Electrical Engineers

File 6:NTIS 1964-2005/May W5  
(c) 2005 NTIS, Intl Cpyrght All Rights Res

File 8:Ei Compendex(R) 1970-2005/May W5  
(c) 2005 Elsevier Eng. Info. Inc.

File 34:SciSearch(R) Cited Ref Sci 1990-2005/Jun W1  
(c) 2005 Inst for Sci Info

File 35:Dissertation Abs Online 1861-2005/May  
(c) 2005 ProQuest Info&Learning

File 65:Inside Conferences 1993-2005/Jun W1  
(c) 2005 BLDSC all rts. reserv.

File 92:IHS Intl.Stds.& Specs. 1999/Nov  
(c) 1999 Information Handling Services

File 94:JICST-EPlus 1985-2005/Apr W3  
(c)2005 Japan Science and Tech Corp(JST)

File 95:TEME-Technology & Management 1989-2005/May W1  
(c) 2005 FIZ TECHNIK

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/May  
(c) 2005 The HW Wilson Co.

File 144:Pascal 1973-2005/May W5  
(c) 2005 INIST/CNRS

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

File 603:Newspaper Abstracts 1984-1988  
(c)2001 ProQuest Info&Learning

File 483:Newspaper Abs Daily 1986-2005/Jun 07  
(c) 2005 ProQuest Info&Learning

File 248:PIRA 1975-2005/May W4  
(c) 2005 Pira International

Set	Items	Description
S1	194802	SYNCHRONI? OR SYNCHRONI?(3N)FIELD?
S2	10744	S1(7N)(SHORT? OR SHORT?(3N)THAN OR LOW? OR SMALL? OR NARRO- W? OR REDUC? OR LESS?)
S3	2626	SPLIT?(3N)(SECTOR? OR SEGMENT? OR AREA?)
S4	44652	(SERVO()FIELD OR DIVID? OR SHAR?)(7N)(AREA? OR SEGMENT? OR SECTOR?)
S5	1599	(FIRST OR INITIAL OR PRIMARY OR ORIGINAL)(7N)(S3 OR S4)
S6	1731	(SECOND OR SECOND??? OR SUBSEQUENT OR OTHER)(7N)(S3 OR S4)
S7	41682	MAGNETIC?(3N)DIS? OR MAGNETIC?(3N)(DISK? OR DISC?)(3N)CONT- ROL?
S8	219	AU=(TOMIMOTO, S? OR TOMIMOTO S?)
S9	0	S8 AND S1
S10	0	S2 AND S5
S11	0	S2 AND S6
S12	1	S2 AND S3
S13	1	S12 NOT PY>2003
S14	213	S1 AND S4
S15	1	S14 AND S7
S16	1	S15 NOT S13
S17	1	S16 NOT PY>2003
S18	12	S1 AND S3
S19	10	RD (unique items)
S20	10	S19 NOT PY>2003
S21	9	S20 NOT (S17 OR S13)
S22	0	S21 AND S7

S23	213	S1 AND S4
S24	1	S23 AND S7
S25	0	S24 NOT (S13 OR S17)

16/3,K/1 (Item 1 from file: 144)  
DIALOG(R) File 144:Pascal  
(c) 2005 INIST/CNRS. All rts. reserv.

15966813 PASCAL No.: 03-0110627  
**Minimizing spurious switching activities in CMOS circuits**  
**Integrated circuit design : Seville, 11-13 September 2002**  
WROBLEWSKI Artur; AUERNHAMMER Florian; NOSSEK Josef A  
HOCHET Bertrand, ed; ACOSTA Antonio J, ed; BELLIDO Manuel J, ed  
Insitute for Circuit Theory and Signal Processing, Munich University of  
Technology, Arcisstr. 21, 80333 Munich, Germany  
PATMOS 2002 : power and timing modeling, optimization and simulation, 12  
(Seville ESP) 2002-09-11  
Journal: Lecture notes in computer science, 2002, 2451 419-428  
Language: English

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... results, transistor lengths have to be increased, which results in  
both increased gate capacitances and **area** . **Splitting** the long  
transistors counteracts this negative influence and reduces the power  
dissipated Moreover, the so...

English Descriptors: Integrated circuit; CMOS integrated circuits;  
Combinatory circuit; Complementary MOS transistor; Size effect; **Low**  
power; Delay circuit; **Synchronization** ; Logic gate; Input signal;  
Capacitance; **Short** circuit; Power consumption; Optimization method;  
Multiobjective programming; Design criterion; Transistor channel; Length;  
Optimal design; Circuit...

?

17/3,K/1 (Item 1 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

01169488 INSPEC Abstract Number: A78028103, B78016953

**Title: An interactive mini-computer system for the analysis of twitch waveforms of human motor units**

Author(s): Miyazaki, S.

Author Affiliation: Inst. for Medical & Dental Engng., Tokyo Medical & Dental Univ., Tokyo, Japan

Journal: Japanese Journal of Medical Electronics and Biological Engineering vol.15, no.3 p.200-5

Publication Date: June 1977 Country of Publication: Japan

CODEN: IYSEAK ISSN: 0021-3292

Language: Japanese

Subfile: A B

...Abstract: and recorded on an FM tape recorder is A/D converted and stored in a **magnetic disc**. The sampled data are **divided** into time **segments** and sequentially displayed on a graphic display. EMG spikes of up to five motor units...

... stored on magnetic tape for further analysis. Four EMG channels are processed separately and the **synchronization** between channels is assured by the marker pulse recorded on the FM tape recorder.

?

(c) 2005 IDG Communications  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 587:Jane's Defense&Aerospace 2005/Jun W1  
 (c) 2005 Jane's Information Group

Set	Items	Description
S1	306686	SYNCHRONI? OR SYNCHRONI?(3N)FIELD?
S2	12009	S1(7N)(SHORT? OR SHORT?(3N)THAN OR LOW? OR SMALL? OR NARRO- W? OR REDUC? OR LESS?)
S3	16995	SPLIT?(3N)(SECTOR? OR SEGMENT? OR AREA?)
S4	448581	(SERVO())FIELD OR DIVID? OR SHAR?(7N)(AREA?? OR SEGMENT?? - OR SECTOR??)
S5	14551	(FIRST OR INITIAL OR PRIMARY OR ORIGINAL)(7N)(S3 OR S4)
S6	28204	(SECOND OR SECOND??? OR SUBSEQUENT OR OTHER)(7N)(S3 OR S4)
S7	30899	MAGNETIC?(3N)(DISK?? OR DISC??) OR MAGNETIC?(3N)(DISK?? OR DISC??)(3N)CONTROL?
S8	2	AU=(TOMIMOTO, S? OR TOMIMOTO S?)
S9	0	S8 AND S1
S10	0	S8 AND S2
S11	0	S2(S)S5
S12	2	S2(S)S6
S13	1	RD (unique items)
S14	0	S13(S)S7
S15	13	S1(S)S5
S16	8	RD (unique items)
S17	1	S16 AND S7
S18	22	S1(S)S6
S19	0	S18(S)S7
S20	32	S1(S)S7
S21	25	RD (unique items)
S22	0	S25 NOT PY>2003
S23	24	S21 NOT PY>2003
S24	1	S23(S)SECTOR

? show files; ds; save temp; logoff hold  
File 348:EUROPEAN PATENTS 1978-2005/Jun W01  
(c) 2005 European Patent Office  
File 349:PCT FULLTEXT 1979-2005/UB=20050602,UT=20050526  
(c) 2005 WIPO/Univentio

Set	Items	Description
S1	91691	SYNCHRONI? OR SYNCHRONI?(3N)FIELD?
S2	4818	S1(7N)(SHORT? OR SHORT?(3N)THAN OR LOW? OR SMALL? OR NARRO- W? OR REDUC? OR LESS?)
S3	18535	SPLIT?(3N)(PART OR PARTS OR SECTOR?? OR PARTITION? OR FRAM- E? OR PORTION?? OR SEGMENT?? OR DIVISION?? OR PIECE?? OR SECT- ION?? OR FRAGMENT? OR PARTIAL??)
S4	136140	(SERVO()FIELD OR DIVID? OR SHAR?)(7N)(PART OR PARTS OR SEC- TOR?? OR PARTITION? OR FRAME? OR PORTION?? OR SEGMENT?? OR DI- VISION?? OR PIECE?? OR SECTION?? OR FRAGMENT? OR PARTIAL??)
S5	18906	(FIRST OR INITIAL OR PRIMARY OR ORIGINAL)(7N)(S3 OR S4)
S6	19290	(SECOND OR SECOND??? OR SUBSEQUENT OR OTHER)(7N)(S3 OR S4)
S7	32971	MAGNETIC?(3N)(DISK?? OR DISC??) OR MAGNETIC?(3N)(DISK?? OR DISC??)(3N)CONTROL?
S8	2	AU=(TOMIMOTO, S? OR TOMIMOTO S?)
S9	42156	IC=G11B?
S10	0	S8 AND S9
S11	11	S2(S)S5
S12	10	S11 NOT PY>2003
S13	1	S12(S)S7
S14	14	S2(S)S7
S15	14	S14 NOT PY>2003
S16	376	S7(S)(S3 OR S4)
S17	5	S16(S)S2
S18	1	S17 NOT S15
S19	11	S2(S)S5
S20	10	S19 NOT PY>2003
S21	9	S20 NOT (S15 OR S18)
S22	10	S2(S)S6
S23	9	S22 NOT PY>2003
S24	6	S23 NOT (S21 OR S15 OR S18)
S25	1	S24(S)S7
S26	183	S1(S)S7
S27	1	S26(S)S3
S28	1	S27 NOT (S21 OR S15 OR S18)
S29	15	S26(S)S4
S30	15	S29 NOT PY>2003
S31	12	S30 NOT (S21 OR S15 OR S18)
S32	943	S7(S)SECTOR??
S33	27	S32(S)S1
S34	1	S27 NOT PY>2003
S35	0	S34 NOT (S31 OR S28 OR S21 OR S15 OR S18)



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File 256:TecInfoSource 82-2005/Apr  
(c) 2005 Info.Sources Inc

Set	Items	Description
S1	1193	SYNCHRONI? OR SYNCHRONI?(3N)FIELD?
S2	28	S1(7N) (SHORT? OR SHORT?(3N)THAN OR LOW? OR SMALL? OR NARRO- W? OR REDUC? OR LESS?)
S3	3	SPLIT?(3N) (SECTOR? OR SEGMENT? OR AREA?)
S4	98	(SERVO() FIELD OR DIVID? OR SHAR?) (7N) (AREA? OR SEGMENT? OR SECTOR?)
S5	3	(FIRST OR INITIAL OR PRIMARY OR ORIGINAL) (7N) (S3 OR S4)
S6	7	(SECOND OR SECOND??? OR SUBSEQUENT OR OTHER) (7N) (S3 OR S4)
S7	27	MAGNETIC?(3N)DIS? OR MAGNETIC?(3N) (DISK? OR DISC?) (3N)CONT- ROL?
S8	0	AU=(TOMIMOTO, S? OR TOMIMOTO S?)
S9	0	S2(S)S5
S10	0	S2(S)S6
S11	0	S7(S) (S3 OR S4)
S12	0	S1(S)S5
S13	0	S1(S)S6